

PORTABLE CABLE (18 THRU 2AWG) BLACK JACKET TYPE SEOOW, 105DEG C, 600VOLTS, MSHA LISTED (UL & CSA LISTED IN SIZES #18 THRU #10AWG)

CONSTRUCTION:

CONDUCTOR FLEXIBLE STRANDED SOFT DRAWN BARE COPPER.

INSULATION OIL RESISTANT THERMOPLASTIC ELASTOMER INDIVIDUALLY COLOR CODED PER ICEA METHOD 1 TABLE E-1, EXCEPT 3/C, WHICH IS BLACK-WHITE-GREEN.

ASSEMBLY INSULATED CONDUCTORS CABLED TOGETHER WITH WATER RESISTANT, NON-WICKING FILLERS.

JACKET BLACK LIGHTWEIGHT THERMOPLASTIC ELASTOMER, WHICH IS ABRASION, CHEMICAL, FLAME, OIL, OZONE, AND WATER RESISTANT.

Charlotte Wire Part#	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness (in.)	Rating in Amps*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03215BK	18	2	16	.030"	10	.35"	59
CW03216BK	18	3	16	.030"	10	.37"	69
CW03217BK	18	4	16	.030"	7	.40"	81
CW03218BK	16	2	26	.030"	13	.38"	71
CW03219BK	16	3	26	.030"	13	.40"	81
CW03220BK	16	4	26	.030"	10	.42"	99
CW03221BK	14	2	41	.045"	18	.51"	126
CW03222BK	14	3	41	.045"	18	.54"	149
CW03223BK	14	4	41	.045"	15	.58"	183
CW03224BK	12	2	65	.045"	25	.58"	163
CW03225BK	12	3	65	.045"	25	.60"	200
CW03226BK	12	4	65	.045"	20	.65"	243
CW03227BK	10	2	104	.045"	30	.63"	207
CW03228BK	10	3	104	.045"	30	.66"	260
CW03229BK	10	4	104	.045"	25	.72"	320
CW03230BK	8	3	96	.050"	40	.71"	330
CW03231BK	8	4	96	.050"	35	.78"	422
CW03232BK	6	3	96	.050"	55	.82"	480
CW03233BK	6	4	96	.050"	45	.89"	605
CW03234BK	4	3	96	.050"	70	.98"	680
CW03235BK	4	4	96	.050"	60	1.10"	890
CW03236BK	2	3	133	.050"	95	1.18"	1080
CW03237BK	2	4	133	.050"	80	1.29"	1340

*Ampacities based on 90Deg C temperature rating and 30Deg C ambient temperature in air per NEC Table 400-5(A).

Values shown are for current carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors is not counted in determining current carrying capacity.

APPLICATION:

For use in connection of portable equipment and appliances. Also for use on signal and control circuits in industrial plants. Designed for extra hard usage and for equipment that is exposed to chemicals, oils, and moisture. Suitable for wet location use, including submersion in water. Superior abrasion resistance and approximately 20% lighter in weight compared to standard rubber cords.

COLOR CODE:

2/C: Black, White
3/C: Black, White, Green
4/C: Black, White, Red, Green

STANDARDS:

UL Type SEOOW and CSA Type STOOW: weather resistant/outdoor(18-10AWG).

Low temperature rating: -40Deg C UL, -50Deg C CSA.

MSHA Approved: Passes MSHA flame test.